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Signature.

Tulips - Peonies - Narcissi - Irises

ANNUAL CATALOG—AUGUST 15, 1933

SPRING 1934

Oronogo Flower Gardens

CARTERVILLE, MO.

Benjamin C. Auten

Terms: Cash with order. No charge for packing. Goods offered subject to previous sale. All prices include delivery by mail or express.

Bulbs shipped on receipt of order, plants in regular routine of digging and shipping. Bulbs and plants usually not shipped together, nor at the same time.

No guarantee goes with my bulbs or plants, but I take extreme pains to have them true to name, and it is on them I depend for future orders. Write me, however, if you fail to have success with them. It is important for me to know.

If a mistake is made in the filling of your order or the package reaches you in bad condition, write me. I do not know of it unless you do.

If you do not hear from your orders in a reasonable length of time, write. Orders may get lost on the way, may possibly be overlooked after receipt, or the shipment may go astray.

Order early and plant early, while the bulbs are still fresh and solid.

Next year's price list will as a matter of course be sent to all this year's customers, but I do not keep a permanent mailing list.

My own growing only.

Every bulb and plant in this catalog, except the three houseplants, is for outdoor planting before winter. Though planting can be done at any time until winter closes down, the ideal time is just when the summer heat and drouth are broken.

THE FORCING OF BULBS

The "F" and "FF" varieties of narcissi and the Star of Bethlehem are easily brought to bloom in the house in winter.

For success with any of these bulbs, a certain routine is absolutely necessary. After potting or other method of planting, the bulbs must be put where dark and very cool, the colder the better, so they do not freeze, and kept faithfully watered, for as much as two months, unless they make determined growth sooner. When the buds are above ground, or the two months are up, the bulbs can be brought to warmth and light to complete their growth. Do not get them too warm, or the buds will blast, and do not let them stand in strong sun.

For growing bulbs in water the best material I have found is poultry-grit charcoal, hen size. It does not get foul, holds water a long time, and does not obstruct the roots if properly handled. The dish preferably should be of glass, and more than three inches deep.

Bulbs of hyacinths, narcissi, etc., grown indoors for winter blooming, should be kept growing until the leaves die down, then set in the ground outdoors, where they can remain at least a year undisturbed.

OUTDOOR GROWING

Tulip and Narcissus bulbs should be planted about three inches deep to the tops of the bulbs as soon as possible after summer heat and drouth are broken, must remain in the ground over winter, and should not be disturbed until the leaves have turned yellow in early summer. This is the correct time to dig them. Narcissi prefer to be left in the ground several years. Tulips are better dug every year, though they may be let go an extra year if small when planted. Plant about six inches apart.

Bulbs should not be allowed to lie in the sun when dug, nor when planting, nor at any other time. They should be stored cool, dark, and well ventilated.

NARCISSUS BULBS

Please notice the formula after each name: it contains a small paragraph of description. The first abbreviation is for the type of the variety. Ajax is the type with the large flaring trumpet. Incomparabilis with the medium-size trumpet or cup, Barrii with the small cup. Leedsii is a type with medium or small cups, the flower pale in color, primrosewhite. Poeticus is the common flat white type, with the red-edged saucer in the center. Jq is for the jonquil and its hybrids. Y is for yellow, W for white, and Bic for bicolor, yellow or red center and white wings. The numbers 1 to 6 tell the season of bloom. F means that a variety is good for forcing, FF that it is very good. RG means that a variety is low growing, and therefore suitable for the rock garden.

For indoor growing use only F and FF varieties.

Furnished in the fall only.

In every case except the Mixture, the first price is for 1 bulb,

the second for 5, the third for 25, the fourth for 100, the fifth for 250, as shown under the variety *Albus plenus odoratus*. 12 furnished for one-half the price of 25.

Mixture. Many varieties and types, earliest to latest, for garden planting, for naturalizing, and for cutting. 10 for 40c, 30 for \$1.00, 100 for \$3.00, 250 for \$6.00.

Albus plenus odoratus. PtW6. The "Gardenia-flowered," the double white poeticus. 5c, 5 for 20c, 25 for 90c, 100 for \$3.00, 250 for \$6.00.

Beauty. IncY3FF. Large, all yellow. 6c, 24c, \$1.10.

Bianca. LdW4F. A very stately flower. Flower and cup flat, cup greenish yellow. 6c, 24c, \$1.10, \$4.00.

Buttercup. JqY4FF. Of rich color, fine style, and heavy substance. 12c, 48c, \$2.30, \$8.80.

Campernelle. JqY2. 6c.

Campernelle Rugulosus. JqY2FFRG. A lovely flower. 8c.

Campernelle Rugulosus Maximus. JqY2FF. Small but lovely, and of glorious color. 12c, 48c, \$2.30, \$8.80.

Cleopatra. AjY4FF. One of the finest of the late-blooming trumpets. 15c, 60c, \$2.90.

Coeur de Lion. IncY4F. Of dashing style. Should be planted deep. 6c, 24c, \$1.10.

Conspicuous. BarY4F. an old favorite, the cup rimmed rich red. 5c, 20c, 90c, \$3.00, \$6.00.

Croesus. IncBic4. A very fine flower. 20c.

Dorothy E. Wemyss. BarBic4FF. Practically a high-class poeticus with a Conspicuous cup. A richly colored flower. 6c, 24c, \$1.10, \$4.00, \$8.80.

Elaine. LdW4. Very dainty. 10c.

Emperor. AjY3FF. 10c.

Empress. AjBic4. Mixed with Glory of Sassenheim. 10c. No telling which you will get.

Firebrand. BarBic3. Fiery cup. 6c, 24c, \$1.10, \$4.00.

Frank Miles. IncY3. 8c.

Glitter. BarY4RG. Old-gold yellow. 12c, 48c.

Gloria Mundi. IncY3FF. Style of Sir Watkin. 8c, 32c, \$1.50.

Glory of Sassenheim. AjBic2FF. Very fine. 10c, 40c.

Golden Scepter. JqY2FF. Exquisite in form, rich in color and fragrance. 10c, 40c, \$1.90, \$7.20.

Goldfinch. AjY2FF. Large, deepest yellow, very flaring, exquisitely frilled, and very hardy. 10c, 40c, \$1.90.

Greenheart. BarW6. Spidery in form. Twin-flowered. 12c, 48c.

Jester. IncBic3. 30c.

King Alfred. AjY2FF. One of the best. 12c, 48c.

King Edward. PtW5FF. Of snowiest white, and the best poeticus for forcing. 6c, 24c, \$1.10.

Lady Hillingdon. JqY3FF. Flowers very large for their type, and usually two or three on a stem. 24c, 96c.

Leonie. IncY3FF. Pale yellow, cup large and flaring. Tall stem. 5c, 20c, 90c, \$3.00, \$6.00.

Lord Roberts. AjY2. Large flower of appealing daintiness. 16c, 64c, \$3.10, \$12.00.

Lucifer. IncBic4FF. Cup long and slender, red edge. 10c, 40c.

Minerva. PtW5RG. A round flower with large disc. 12c.

Monarch. AjY3FF. Form of Emperor, but better. 16c, 64c.

Olympia. AjY3FF. Massive, rich yellow. 12c, 48c, \$2.30.

Olympia, mixed with Tresserve. 10c, 40c, \$1.90.

Oriflamme. BarBic3FF. A marvelous flower when forced. Should be planted deep. 10c, 40c, \$1.90.

Queen of the North. LdW3. Similar to White Lady, only finer, but will not force. 6c, 24c, \$1.10, \$4.00, \$8.00.

Red Beacon. BarBic4RG. Has large flat cup with red edge. 10c, 40c, \$1.90.

Southern Star. BarBic3FF. Pointed overlapping petals, cup broad, edged bright red. 6c, 24c, \$1.10, \$4.00, \$8.00.

Strongbow. IncBic5RG. Very stubby, high quality. 10c, 40c.

Thelma. PtW4. One of the finest of the Poeticus type. 10c.

Tiny White Leedsii. LdW4RG. Bedding or rock garden. 10c, 40c.

Tiny Yellow Incomparabilis. IncY4RG. For bedding or rock garden. 8c, 32c, \$1.50.

Torch. IncY3FF. Large, with brilliant cup. 8c, 32c, \$1.50.

Tresserve. AjY3FF. One of the big ones. 12c.

Tullus Hostilius. JqY2. Like Buttercup, but earlier, and bunch-flowered. 16c.

Victoria. AjBic2FF. 10c.

Will Scarlet. IncBic6RG. Has large red cup. 10c.

W. P. Milner. AjW2FRG. Very tiny. 6c, 24c, \$1.10.

The jonquil hybrids are high-class flowers.

If Albus plenus odoratus, Conspicuus, Dorothy E. Wemyss, Leonie, Mixture, Queen of the North, Southern Star are wanted in total quantity of 1,000 or more, write for quotations.

MISCELLANEOUS

Furnished in the fall only.

Grape Hyacinth. Deep purple-blue. For bedding, edging, rock garden, naturalizing. Plant two inches deep to tops of bulbs. 4c, 5 for 15c.

Star of Bethlehem. White flowers in masses, about six inches high. Used the same as grape hyacinths. 5c, 3 for 10c, 12 for 30c, 25 for 60c, 100 for \$2.00.

Allium Scorodoprasum. Four-inch flowerballs of pinkish blue on stems four feet tall. Just before ripe, cut them for winter decoration. The bulbs are useful in cooking. 10c, 3 for 25c, 12 for 75c.

TULIP BULBS

Furnished in the fall only.

All late-flowering, and all for outdoor growing only.

Mixed Late. Many styles and colors, always something new. 12 for 36c, 25 for 60c, 100 for \$2.00, 250 for \$4.50.

Smaller, but good blooming size, 25 for 36c, 50 for 60c, 100 for \$1.00, 1,000 for \$9.00.

Avis Kennicott. Yellow. Fine. 6c, 3 for 15c, 12 for 48c.

Bouton d'Or. Golden yellow. 5c, 3 for 12c, 6 for 20c.

Carrara. Brilliant white. Very large. 8c.

Columbus. Scarlet and orange, pointed like a needle. Suited to the rock garden. 7c, 3 for 18c, 6 for 30c.

Fulgens. Deep red, with yellow center. Lily flowered. 6c, 3 for 15c, 12 for 48c.

Gesneriana Ixioides. Sulphur-yellow, with black center. 6c.

W. T. Ware. Rich yellow, very late. The finest yellow Cottage tulip. 6c, 3 for 15c, 12 for 48c, 100 for \$3.00.

Darwin Type

Mixed Darwins. This mixture includes Bartigon, Painted Lady, Princess Elisabeth, and a dozen others their equals or superiors. 12 for 48c, 25 for 85c, 100 for \$3.00.

Afterglow. Soft apricot-orange, edged salmon. 6c, 3 for 15c, 12 for 48c.

Aphrodite. Silvery pink. Late. 7c, 3 for 18c, 6 for 30c.

Clara Butt. Exquisite apricot-pink. Midseason. 5c, 3 for 12c, 12 for 40c, 25 for 60c, 100 for \$2.00, 250 for \$4.50.

Smaller, but flowering bulbs, 25 for 35c, 50 for 60c, 100 for \$1.00, 1,000 for \$9.00.

Duchess of Westminster. Bright rosy pink. Tall stem. 8c.

Elephant. Dark slaty blue. 10c, 3 for 25c, 12 for 90c.

Farncombe Sanders. The loveliest of red tulips. 5c, 3 for 12c, 12 for 42c, 25 for 80c, 100 for \$3.00.

Giant. Like Jubilee, but early. 8c.

Jubilee. Magnificent dark purple. Late. 6c, 3 for 15c, 12 for 48c.

King George V. Brilliant red. Superb in every way. 7c, 3 for 18c, 12 for 60c.

La Tristesse. Slaty blue. 6c, 3 for 15c, 12 for 48c.

Mme. Barrois. Magnificent pink. Late. 8c, 3 for 20c.

Massenet. Apple-blossom pink. 6c, 3 for 15c, 12 for 48c.

Melicette. Pure lilac. 6c, 3 for 15c, 12 for 48c.

Moralis. Very dark purple, white center. 6c, 3 for 15c.

Rev. Ewbank. Heliotrope. A perfectly lovely flower. 6c, 3 for 15c, 12 for 48c.

The Bishop. Pure violet. Massive in flower and stem. 7c, 3 for 18c, 12 for 60c.

Tall Purple. Fine. 5c, 3 for 12c.

Velvet King. Breeder. Rich velvety brown. 6c, 3 for 15c.

Yellow Perfection. Breeder. Old-gold-bronze. 5c, 3 for 12c.

Every variety in this list is of the highest quality, with good stems for cutting, and of a color which does not suffer as the flower ages, nor in indoor or artificial light. In any representative tulip planting, it is the darkest flowers that contribute most to the brilliancy of the display, and the blues to its most exquisite beauty.

Planting Stock. Mixed Late, Clara Butt, W. T. Ware. Also Star of Bethlehem. Bulbs smaller than full blooming size. Minimum order, one dollar of a variety. Write for prices, naming the kinds wanted, and approximate quantity.

BEARDED IRISES

Furnished in fall, spring, or summer.

These should be planted shallow, in a dry, well-drained location

in full sun. They are lime lovers. All dead leaves and stems should be gathered and burned before winter.

At 20c per plant: Ambassadeur, Canopus, Chalice, Gaudichau, Lambourne. (1 of each for 75c.)

At 15c per plant, any 6 or more at 10c each, 3 or more of a kind at 8c: Alcazar, *Archeveque, Aurora, *Crusader, *Dalmatica, Early White, Eldorado, *Fairy, *Innocenza, *Kochii, *Koenig, *La Neige, Lent A. Williamson, *Miranda, *Mother of Pearl, Pfauenauge, *Quaker Lady, *Queen of May, *Romeo, Roseway, *Seminole, *Shekinah.

*12 of this kind for 80c.

12, all different, my selection of varieties, labeled, \$1.00.

BEARDLESS IRISES

These thrive in any good garden, but especially enjoy a location by the waterside. Furnished in fall or spring.

Snow Queen, Perry's Blue, Distinction, Emperor. Siberians. Any variety, 1 plant, 15c, 1 each of the 4, 50c; 3 of a kind, 30c. 25 or more, any assortment, at 8c; 100 or more, any assortment, at 6c.

Ochroleuca. White, with yellow blotch. Tall and stately. 15c, 2 for 25c, 5 or more at 10c.

Monspur. Like Ochroleuca, but deep blue. 30c, 3 for 75c.

Dorothea K. Williamson. Darkest purple, vivid and intense. Profuse bloomer. 20c, 4 or more at 15c.

Fulva. Copper colored. 15c, 3 or more at 10c.

Foliosa, blue. Pseudacorus, yellow. 15c each.

MISCELLANEOUS PLANTS

Furnished in fall or spring.

Blackberry Lily. Orange red, spotted darker. The seed clusters resemble a large blackberry. 10c, 3 or more at 8c, 12 or more at 6c.

Coral Bells. The pink kind. Good for the rock garden. 25c.

Hemerocallis, Queen of May. One of the newer class of yellow day lilies. Pure yellow, petals long and wavy. Blooms for about a month in early summer. 25c, 3 or more at 20c, 25 or more at 16c.

Gillenia. Beautiful shrub-like herb, with dainty white flowers. Strong plants, 40c.

Lily of the Valley. Blooming-size buds, 5c, 4 for 15c, 12 for 40c. Smaller buds, 12 for 20c.

Verbena. Wild prairie flower. Pink. Rich fragrance. 15c.

Euonymus Kewensis. Dainty vine, deepest green, for rock garden, wall cover or ground cover in deep shade. 20c.

Christmas Cactus. Bright red. House plant only. 15c.

Night-blooming Cereus. Pure white. House plant only. 25c.

Stapelia. House plant only. A curiosity. 25c.

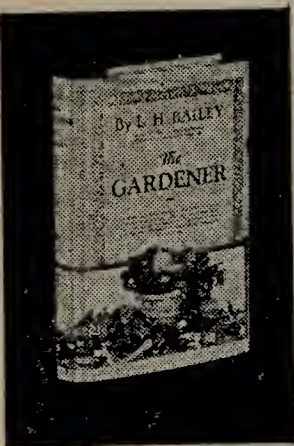
PEONIES

Furnished in the fall only.

Plants should be set as soon as received, placing so that the buds will be about two inches below the leveled surface of the soil when planting is completed. The roots must be kept moist until planted. Plants set out very late should be mulched.

In the open field or garden, like corn and potatoes, and with the same kind of care, peonies do famously. Where the soil is killed by elms, maples, or poplars, or is starved and dried out from other reasons, nothing can be expected of them. They also will not thrive in soggy ground.

Prices quoted are for strong divisions from mature plants, and unless otherwise noted, are 40c each: 3 or more plants of any 40c



BOOKS

that tell
you how—



- to plan your garden
- to select flowers and plants
- to control colors and blooms
- to design garden and home grounds
- to raise vegetables
- to control pests
- to feed plants
- to care for trees



and very helpful garden book arranged in 52 chapters which tell at a glance what to do in the garden every week of the year.

It covers the vegetable garden, flower garden, roses, shrubs, berries, fruit trees, insects and diseases, vegetables for winter, pruning, and all other garden operations as they come up at their proper time of the year.

Arranged as a weekly calendar, it is readily adaptable to any season, is applicable to every locality.

Garden Maintenance

By H. S. Ortloff and H. B. Raymore **\$2.50**

38 illus.; (color, halftone and line); 316 pages; 5½ x 8¾ inches

Everyone who has a garden wants constantly to know how to care for it—how to prune, fertilize, spray and care for flowers, trees, shrubs, and lawns.

This is a book to answer all such questions, and to bring increased success to established gardens as well as to those newly planned and planted. Unlike many garden books, it is written for the home owner who already has a lawn and garden space; it does not presuppose a new garden or the complete rearrangement of existing plantings.

Questions asked the authors by gardeners who wanted specific help in caring for them are the basis of the book. It comes from experience, for the writers are not only landscape architects, but also dirt gardeners themselves.

Home Flower Growing

By E. C. Volz

\$3.50

151 illus.; 364 pages; 5½ x 8 inches

Whether you grow them outdoors, inside your home, or both, you will find this book a real flower garden encyclopedia.

Beginning with a short account of how plants grow, it goes on to tell how to grow flowers; plan beds and borders, make rock, wild and water gardens; describes and tells how to grow 98 annual flowers, 119 perennials, 102 kinds of roses, 22 different bulbs and 28 vines; grow and preserve winter bouquets; grow flowers indoors, with descriptions

of 58 house plants; plant window boxes; cut, use and exhibit flowers; arrange a flower show; and organize a garden club.

The illustrations show almost every kind of plant and garden, pointing out wrong methods that mar effects as well as the right ones.

The Gardener

By L. H. Bailey

\$2.00

116 illus.; 260 pages; 5 x 7 $\frac{1}{4}$ inches

Beginning with A and running through the alphabet to Z, this book lists and tells how to plant and care for all the common flowers, vegetables, and fruits (except trees and shrubs) from the time they are planted through to maturity.

All entries are cross-referenced under both common and scientific names. Special garden projects are treated in separate articles, some of which are: annuals, aquatics, borders, bulbs, evergreens, flower beds, hedges, lawns, etc.

A Woman's Hardy Garden

49 illus.; 216 pages; 5 x 7 $\frac{3}{4}$ inches **\$2.00**

Another Hardy Garden Book

49 illus.; 243 pages; 5 x 7 $\frac{3}{4}$ inches **\$2.00**

The Practical Flower Garden

62 illus.; 304 pages; 5 x 7 $\frac{3}{4}$ inches **\$2.00**

By Helena Rutherford Ely

What you should plant, and when you should plant it; how to care for it after it is planted and growing; what to do if it does not grow and blossom; what will blossom, when it will blossom, and what the bloom will look like—Mrs. Ely tells all this with a vivacious charm.

The first of the books, *A Woman's Hardy Garden*, tells how to lay out and maintain a hardy garden with flowers and shrubs.

Another Hardy Garden Book takes up subjects not covered in its predecessor, including vegetables, fruits, and trees.

The Practical Flower Garden gives special attention to flowers in the garden and their color arrangement.

Gardening in the Lower South

By H. Harold Hume **\$5.00**

102 illus.; 472 pages; 6 x 9 inches

This is the most comprehensive practical garden guide for the South.

It tells what flowers to plant for a steady succession of bloom, how to have fresh vegetables throughout the year, how to grow fruits, what varieties to plant, what trees and evergreens grow best, and all about southern soils, fertilizing, lawn making, palms, roses, azaleas, bulbs, bamboos, vines, and other plants.

Flowers in the Garden

Annuals in the Garden

By H. Stuart Ortloff **\$1.25**

5 illus.; 88 pages; 5 $\frac{1}{8}$ x 8 $\frac{1}{2}$ inches

Includes many interesting suggestions for the use of these popular plants in the landscape scheme, by themselves and in combination with perennials, in the rock garden, in the border, for cutting, to follow bulbs, in window boxes, etc. It contains full instructions for growing annuals, sowing seed, transplanting, and care in the garden. It also includes summer-flowering bulbs and biennials. It is illustrated with a frontispiece in color, four photographs, and seventeen interesting landscape plans with planting lists for using these popular flowers in the home-garden scheme.

American Plants for American Gardens

By Edith A. Roberts and Elsa Rehmann **\$2.00**

8 illus.; 131 pages; 6 x 9 inches

This is a handbook of plants as they are associated in nature, and of their proper use in naturalistic planting. It gives accurate approach to the modern ideas of landscaping, based upon the study of plants in relation to their environment. Besides complete lists of the plants commonly found together in the Northeastern States, the book tells where and how to use these native plants to complete or recreate the natural effects in the landscape.

The book opens a new field of interest for all garden makers, and is invaluable for landscape architects, gardeners, and progressive growers, as well as for every student of plants.

Flowers in the Home

By Menie Watt

\$1.25

8 illus.; 63 pages; $5\frac{1}{4} \times 7\frac{1}{2}$ inches

Contestants in flower arrangement contests at flower shows will find this little book a rich mine of information. It will also save its cost many times through its hints on how to preserve flowers after cutting.

Alpines

American Alpines in the Garden

By Anderson McCully

\$2.50

19 illus.; 262 pages; $5\frac{1}{4} \times 8$ inches

So much has been heard of foreign alpines and so little of American kinds that this book, with descriptions of 535 choice and beautiful native American plants, is bound to be a revelation to gardeners.

All of the 535 plants described in the third and main part of the book have been tested out in the author's own garden. Each one is described for size, growing habit, foliage, preferred soil and exposure, and size, color and number of blooms. Finally, there are lists of plants classified according to garden uses.

Western American Alpines

By I. N. Gabrielson

\$3.50

123 illus.; 271 pages; $5\frac{1}{8} \times 8\frac{1}{2}$ inches

The alpine flora of the Pacific Northwest has, in large part, remained unknown to American gardens. This book is an attempt to fill the gap in the garden knowledge of the alpine plants of that territory. Only true alpines, rock and desert species, and woodlanders dwarf enough to be valuable in rock gardens, are discussed. The generous number of illustrations will assist the gardener more in understanding the habits and possibilities of the plants than any practical amount of botanical description.

Bulbs

The Book of Bulbs

By F. F. Rockwell

\$2.00

187 illus.; 264 pages; 5¼ x 7¾ inches

Spring, summer, fall, winter—indoors or outside your home—with this complete and practical book you can get the utmost in beauty from every kind of bulbous plant. It includes tulips, daffodils, hyacinths, lilies, crocuses, gladiolus, dahlias, peonies, irises, begonias, and scores of other beautiful but not-so-well-known bulbs. We recommend it as the best and most complete on the subject.

Practical ideas galore are crowded in the 66 half-tone illustrations, most of which show bulbs actually growing in the garden, often in combination with other plants. The drawings show simply and clearly how to plant, propagate, and carry on other work.

"Here at last is the book for which hundreds of amateur plants-people have been wishing . . . a fascinating volume which for directness, clarity and vividness is in a class entirely by itself."—*House & Garden*.

Cactus

The Cactus Book

By Dr. A. D. Houghton

\$2.25

18 illus.; 145 pages; 5 x 7½ inches

It tells in detail how to grow cacti from seed, how to hybridize them, how to propagate by cuttings and grafts, and all details of watering and care.

The sections on outdoor cacti rock gardens in the North as well as the South disclose innumerable fresh opportunities, as do those in which their indoor culture in little landscapes and bowls is considered.

Dahlias

Dahlias

By F. F. Rockwell

\$1.00

65 illus.; 80 pages; 5 x 7½ inches

Learn to know the different types of dahlias and their uses in your garden, how to plant and grow

them, what fertilizers to use, how to control pests, how to harvest and store the tubers, grow for exhibition, and how to propagate and hybridize. Brief and practical.

Gladiolus

Gladiolus

By F. F. Rockwell

\$1.00

45 illus.; 79 pages; 5 x 7½ inches

Recommended as "the best brief guide on gladiolus growing." It tells how to plant, fertilize, and cultivate; how to handle for cut flowers; and every other detail needed for success with this popular flower.

Iris

Irises

By F. F. Rockwell

\$1.00

54 illus.; 80 pages, 5 x 7½ inches

A handy guide which will bring you success with irises and show new uses and effects possible in your garden. Describes the dwarf, early, German, Japanese, Siberian, water, crested, Spanish, English, Dutch and other types; tells the best soils; what fertilizers to use; how to plant; and what care is necessary. Tells how to propagate stock for your own use.

Lilies

Garden Cederellas

By Helen M. Fox

\$5.00

51 illus.; (color, halftone and line); 269

pages; 6 x 8¾ inches

From these pages you can learn the name of every lily in cultivation, its native habitat, season of blooming, how it is propagated, how to care for it, control pests, and every other detail which will enable you to grow it successfully in your own garden.

Roses

Roses

By F. F. Rockwell

\$1.00

74 illus.; 88 pages; 5 x 7½ inches

Tells just what the beginner or average flower lover can do with roses. Varieties are classified according to their uses as garden, climbing, and landscape roses and the part each of these plays in the garden is fully explained, with complete directions for rose care and culture, planting, propagation, protection from insects and diseases, and variety lists.

Carry this book out to the garden when you cultivate, prune and fertilize, it will save you many steps and help you avoid disappointments.

Climbing Roses

By G. A. Stevens

\$2.00

32 halftones; 220 pages; 5½ x 8¼ inches

The easiest roses to grow are the climbers. This book, a companion to the well-known "How to Grow Roses," tells what climbing roses are, how they may best be grown anywhere in America and discusses suitable varieties for all uses.

It presents not only the varieties known to commerce but also the undeveloped strains in which development may be expected. Mr. Stevens is Secretary of the American Rose Society.

Modern Roses

By J. Horace McFarland

\$5.00

79 illus.; (48 var. in color); 292 pages;

5½ x 8 inches

A catalog of 2511 varieties of roses now available in world commerce, all described in uniform terms and arranged alphabetically. This information is given about each one: type, originator or introducer, date of introduction, parentage, description of flower, bud and foliage, habit of growth, season of bloom, and hardiness.

The Rose in America

By J. Horace McFarland

\$3.00

66 illus.; 233 pages; 5 1/8 x 8 1/2 inches

A complete guide to successful growing, based on Mr. McFarland's own experience and the exchange of ideas with other enthusiasts while acting as editor for the American Rose Society. Contains the newest information on cultivation, pest control and varieties.

How to Grow Roses

By Robert Pyle, J. Horace McFarland

and G. A. Stevens

\$2.00

138 illus.; (45 color); 211 pages; 5 1/2 x 8 inches

Every step in the successful growing of roses is made clear in this "how-to-do-it" book.

Here you will find concise and practical advice on how to use roses in the garden and around the home, how to obtain them, locate beds, prepare the ground, plant, label, care for roses in summer, fight pests, protect in winter, prune, select types and varieties, and where to go to find specialized information on rose growing.

"Every owner of a garden will find an answer to every question that comes up, from soil and insects to handling the blooms as they appear."—E. G. Hill.

Kinds of Gardens

Perennial Gardens

By H. Stuart Ortloff

\$1.25

18 illus.; 92 pages; 5 x 7 1/2 inches

More than a list of plants with directions for growing, this is a creative handbook of their uses. It gives you, in effect, the trained help of a landscape architect. Plans and planting lists include almost every conceivable kind of small garden, each one of which was actually planted and brought into flower before being included in the book. The summary of color principles is, we believe, the most usable ever offered.

There are clear directions for preparing and fertilizing the soil, cultivating, watering, pest control, transplanting, propagation, and winter protection.

Kinds and varieties of perennials for many different purposes are classified, with directions for selecting the desirable ones for any purpose.

The Rock Garden

A Simple Guide to Rock Gardening

By Sir James L. Cotter **\$1.25**

13 illus.; 126 pages; 5 x 7 inches

This extremely popular book tells briefly how to build rock, wall, and bog gardens, how to plant, what to plant, and how to care for and cultivate the plants. Written for English conditions but equally valuable in America, as thousands of purchasers will tell you.

Rock Gardens

By F. F. Rockwell **\$1.00**

31 illus.; 86 pages; 5 x 7½ inches

Brief clear descriptions and numerous drawings show just how you can build a rock garden yourself, on a large or small scale and at small cost. The book describes the types of rock gardens, tells what soils, climates, and locations are best, how to construct, and what to plant.

Rock Garden and Alpine Plants

By Henry Correvon **\$6.00**

33 illus.; (color, halftone and line); 560 pages; 6 x 9 inches

You may choose from 542 kinds of rock and alpine plants and grow them in your own rock garden with the aid of the alphabetically arranged descriptions in this book by the dean of all alpine plant growers.

It also tells what rock plants, ferns, terrestrial orchids, and hardy cacti are best for rockeries; how to build, plant, and maintain rockeries, moraines and wall gardens; how to grow all the different types of plants; how to grow alpine plants in sphagnum moss, pans and other materials; how to acclimatize wild plants; the difference in culture of lime- and granite-loving plants.

The Herb Garden

The Herb Garden

By Frances Bardswell

\$3.00

16 color illus.; 189 pages; 5 $\frac{3}{4}$ x 9 $\frac{1}{4}$ inches

Every detail of herb gardening is covered in these pages: making of the garden; annual, biennial and perennial pot-herbs; aromatic herbs; the mints; bitter herbs; bulbous plants; gathering, drying and storing; color in the herb garden.

Gardening With Herbs for Flavor and Fragrance

By Helen Morganthau Fox

\$3.50

12 illus.; 334 pages; 6 x 8 $\frac{3}{4}$ inches

Herbs in the garden, over the stove and in the ice box are described by this gardener who grew them for three years before selecting her list of 68 varieties that can be profitably grown by gardeners in America.

190 pages are devoted to careful and accurate notes on cultivation, appearance, season, fragrance, and appearance of flowers, seeds, and leaves.

Having grown and stored them, Mrs. Fox looked into old Herbals, tales of cosmetic uses, and old wives' recipes. She selected fifty-six dishes after many trials and had an expert supply recipes with exact measurements for their concoction. In addition to food and drink, and a cold cream; many sachet powders and a face wash "to clear a tanned complexion" came to light as ways of using herbs.

Garden Lore and Fancies Gardens in America

By Marion Cran

\$3.00

16 illus.; 320 pages; 5 $\frac{3}{4}$ x 9 $\frac{1}{4}$ inches

The story of how American gardens looked to the English eyes of the author. She made a fairly representative survey of "a great bewildering splendid country;—exhilarating and rich with beauty beyond any I had ever dreamed."

"I saw the Spanish gardens of California, the date gardens of the desert, the lovely forlorn lost gardens of the South, the azeleas, cypress swamps and wisteria

of South Carolina;—the historic gardens of Virginia; the cherry blossoms of stately Washington, the dogwood in Pennsylvania. . . . I touched the splendours of Long Island and Newport, the gardens of the North Shore and New England, coming to rest at last in the enchanted woods of Maine."

Laura's Garden

By Count de Comminges **\$2.00**
223 pages; 4 $\frac{1}{4}$ x 7 $\frac{5}{8}$ inches

"A diary about a garden—and other things—that is pungent, colorful, piquant, and much given to the unexpected in its entries," said *The New York Times*. In it, a Frenchwoman records her trials with her four children, with dogs, with imbecile and over-zealous gardeners, with the weather. "Read it when you have time for chuckles," said *The New York Herald Tribune*. Real garden information is cleverly introduced.

Adventures in a Suburban Garden

By Louise Beebe Wilder **\$3.50**
19 illus.; 265 pages; 5 $\frac{3}{4}$ x 8 $\frac{3}{4}$ inches

True to its title, this book is filled with exciting experiences. Friendly and simply written, it leads on from garden thrill to garden thrill while you sit back in enjoyment, absorbing valuable suggestions and making plans for improvements in your own garden.

Whether you have a rock or wild garden, or just a plain "home" garden, Mrs. Wilder gives you a gold mine of information. Bulbs, roses, annuals, perennials, alpine, wildlings, color schemes, and care of the garden are all included.

Designing the Garden

Garden Pools: Large and Small

By L. W. Ramsey and C. H. Lawrence **\$2.50**
41 illus.; 122 pages; 5 $\frac{3}{4}$ x 8 $\frac{3}{4}$ inches

Nothing else can add so much to your garden as a pool, even if it is only a transformed wash tub in the tiniest garden space. How to have one is fully explained in this new book. Its text is so complete and

its illustrations are so numerous and practical that you can easily find the type of pool that fits in your garden and learn how to design and make it.

Informal Gardens

By H. Stuart Ortloff Probable price **\$1.50**

17 illus.; 104 pages; 5½ x 8 inches

Too often, American gardens strive for a dead flat surface secured at great expense, to the exclusion of a more charming solution of the landscaping problem. The informal treatment is frequently more beautiful, less difficult, and better suited to American homes. This book assists the gardener with suggestions for appropriate plants, colors, features, furniture, in short, all the requisites of the livable and beautiful informal garden.

Patio Gardens

By Helen M. Fox

\$6.00

98 illus.; 250 pages; 8 x 10 inches

This book contains usable ideas straight from the gardens of Spain described and illustrated so clearly that you can copy or adapt them and be sure the resulting effects will be in good taste. Contains accurate descriptions, pictures and plans of patios, pools, flowerpots, balconies, stairways, fountains, and wrought-iron work.

California Gardens

By Winifred Starr Dobyns

\$5.00

210 illus.; 224 pages; 8¾ x 11¼ inches

Decide now what you want for your own place! Arranged according to the predominating feature of each photograph, are shown: pools, fountains and cascades; formal and naturalistic gardens, rock and wall gardens; patio and pergolas; doorways, gateways, steps and balconies; and vistas, well-heads, potted plants, and sculpture.

Chinese Garden Architecture

By Edwin L. Howard

\$6.00

51 illus.; 102 pages; 7 3/16 x 11 1/8 inches

You may well include, in your search for ideas, examples from the oldest school of landscape garden-

ing. The Chinese developed a very beautiful and individual treatment of nature and their gardens show the accumulated experience of hundreds of generations.

Designing the Home Grounds

Landscaping the Home Grounds

By L. W. Ramsey

\$2.00

175 illus.; 170 pages; 5½ x 8¼ inches

Step by step, with photographs and plans to illustrate each point, this book tells clearly and concisely just how to plant home grounds. It tells how to develop the plan, plant in good taste, arrange walks and drives, lay out the lawn, build rock, perennial and other special gardens, gives practical advice on grading, drainage, lawns and sodding, tells how to build pools, pergolas and other garden structures, how to select plants.

The Design of Small Properties

By M. E. Bottomley

\$3.00

64 illus.; 233 pages; 5¾ x 9¼ inches

This book presents many plans for the artistic and convenient development of city and suburban residence lots and farmsteads, together with explanations of the pictorial points to be established by the use of the various plans. It has a chapter on the accessories and garden architecture, one on planting and maintenance in connection with design, and also annotated lists of woody plants and herbs that may be employed for the producing of artistic effects. The book will be useful to those who wish to obtain the most satisfactory results at reasonable cost in the planning of home grounds of the usual dimensions, for which clear advice may not always be available.

The Outdoor Living Room

By L. W. Ramsey and C. H. Lawrence

\$2.50

101 illus.; (in color, halftone and line); 139 pages; 5¾ x 8¾ inches

Every step in planning, planting and development of an attractive, private, and livable room out of

doors is made clear in its pages. Nothing is neglected, from the making of plans for both formal and informal types to the final addition of suitable garden furniture and ornaments.

Manual of Gardening

By L. H. Bailey

\$3.00

350 illus.; 539 pages; 5 x 7 $\frac{3}{4}$ inches

You can depend on this book to supply you with complete and practical information on planting and landscaping your home grounds.

It tells how to make the most of natural features in designing and planting; how to drain, cultivate, and fertilize the soil; gives lists of varieties suited for different purposes; how to sow, propagate, transplant, protect in winter, prune; how to graft; store fruits and vegetables; force plants to early maturity; how to treat diseases and insects; how to grow the different kinds of annuals, perennials, bulbs and tubers, shrubs, vines, trees, fruits and vegetables, with lists of varieties.

Trees and Shrubs

Getting Acquainted with the Trees

By J. Horace McFarland

\$1.75

Seventh Printing

72 illus.; 252 pages; 5 x 7 $\frac{1}{2}$ inches

Trees as comrades and companions form the basis for this pleasant book, which passes on for the benefits of others the pleasure the author found in his study of trees. The book gives the habits and appearance to help in identifying the common species.

Trees in Winter

By A. F. Blakeslee and C. D. Jarvis

\$2.00

440 illus.; 446 pages; 6 x 8 $\frac{3}{4}$ inches

You can identify trees easily with the help of this book even though leaves have fallen off. A simple key traces down the species and variety, and refers to another page where growing habit, bark, twig, other physical characteristics, and distribution are all grouped opposite another page where from two to five clear photographs show its shape, bark, twigs,

buds, fruit, etc. More than 100 common species are included. Buying, planting and care of trees is described in another section of the book. The best pruning and tree surgery methods are described and clearly illustrated.

Evergreens

The Cultivated Conifers

By Dr. L. H. Bailey Probable price \$7.50

The conifer enthusiast will find this the most complete and authoritative book on conifers that has yet been written. It covers 39 genera, 275 species, and 57 others (including species hybrids). Dr. Bailey has carefully inquired into the adaptability, ruggedness, ornamental qualities, life, rate of growth, propagation and planting of the conifers. Species and varieties together, the inventory of conifers in this book puts approximately 1,000 kinds at the command of the propagator and planter.

To avoid confusion, and verify the current acceptance in nomenclature, each species is entered under both vernacular name and the current botanical name.

Landscaping uses and commercial growing are touched upon in this book, and miscellaneous information about the use of the conifers and their fruit or seeds is included.

Conifers and Their Characteristics

By Charles Coltman-Rogers \$7.50

7 illus.; 348 pages; 5½ x 9 inches

Furnishes identification keys and distinguishing characteristics of the conifers. Trees are identified in keys by their leaf characters, basal sheath, cones, buds, shoots, and other prominent features. Descriptions of the family groups are complete. They are valuable from both a scientific and a literary angle, for the author has included many interesting anecdotes.

Evergreens for the Small Place

By F. F. Rockwell **\$1.00**

67 illus.; 84 pages; 5 x 7½ inches

All the information you need to make the best use of evergreens is in this handy book. It tells the uses, characteristics, and types of small or dwarf evergreens and details of their planting, transplanting, and general care.

Shrubs

Shrubs

By F. F. Rockwell **\$1.00**

49 illus.; 76 pages; 5 x 7½ inches

Here is brief but complete and usable information on the best ways to improve the beauty and value of your home with shrubs. Tells what to select for different combinations and effects, and how to plant, water, mulch, prune, and care for shrubs.

Azaleas and Camellias

By H. H. Hume **\$1.50**

14 illus.; (1 in color); 98 pages; 5 x 7½ inches

Every point about growing both of these shrubs is carefully explained here—soils, the varieties to plant, time and method of planting, cultivation, mulching, pruning, frost protection, feeding, pot and tub culture, pests and diseases, and propagation. This information holds goods for every region where either shrub is grown, indoors or outdoors.

Care of Trees and Shrubs

(See also under "Insect Pests and Diseases," page 23)

The Care of Ornamental Trees

By C. F. Greeves-Carpenter **\$1.25**

7 illus.; 70 pages; 4½ x 7 inches

Here is information on all the operations in tree care; the precautions necessary in transplanting; the best time and methods for pruning; how the soil, age, and kind of tree affect the choice and application of plant food; types of cavity fillings; the best methods for cabling and bracing.

"A brief and compact compilation of reliable information."—*American Forests*.

The Pruning Manual

By L. H. Bailey

\$2.50

381 illus.; 400 pages; 5 x 7 $\frac{3}{4}$ inches

This book gives clear instructions for pruning fruit trees from infancy to maturity, care and mending of ornamental trees; the training of vines and shrubs; the various systems for training grapes; devices to use in trimming strawberry vines; and valuable information on other plants and practices. The illustrations show how to follow the instructions and the tools to use.

To show why these different methods are used, the book explains the physical structure of plants, their habits of growth, methods of flower and fruit bearing, and how the method of pruning should be fitted to them.

Lawns

Lawns

By F. F. Rockwell

\$1.00

39 illus.; 87 pages; 5 x 7 $\frac{1}{2}$ inches

Good intentions and a sack of grass seed aren't enough to insure a velvety lawn, but correct planting and upkeep that must be added to them are simple and easy if you go at them with the help of this book.

Vegetable Gardening

Principles of Vegetable Gardening

By L. H. Bailey

\$4.00

250 illus.; 490 pages; 5 $\frac{1}{2}$ x 8 inches

Full information on growing 70 vegetable crops makes this book worth several times its price to every grower. Includes practical pointers on hotbeds, cold-frames, weeds, insects and diseases, marketing, storing, and drying.

The Home Vegetable Garden

By Ella M. Freeman

\$1.75

8 illus.; 214 pages; 5 x 7 $\frac{1}{2}$ inches

If you appreciate really fresh, crisp vegetables and are interested in the saving that comes from raising

them yourself, this book is your guide. It includes full details of laying out the garden, planting, and full particulars on growing asparagus, beans, brussels sprouts, cauliflower, celery, cucumbers, lettuce, peas, tomatoes, eggplant, and many other garden vegetables.

Reference Books

Hortus: A Concise Dictionary of Gardening

By L. H. and Ethel Zoe Bailey **\$10.00**

35 illus.; 652 pages; $6\frac{3}{4}$ x 10 inches

Easy to use, accurate, and non-technical, this great book comes closer than any other single volume to answering every question about gardening. It includes every kind of ornamental, fruit and vegetable plant grown today with brief but complete information on their uses, cultivation, hardiness, propagation, preferred soil, color, identification, etc. Common names are used throughout, all botanical terms are defined, and the book is so conveniently arranged and compressed that it is marvelously easy to handle.

The Standard Cyclopedia of Horticulture

Edited by L. H. Bailey 3 vols. **\$25.00**

4,176 illus.; (color, halftone and line);

3,639 pages; $7\frac{1}{2}$ x $10\frac{3}{4}$ inches

Every question you wish answered, everything you need to know about horticulture is clearly answered and explained in this set of three volumes. It is the one universal and invaluable comprehensive authority on every horticultural question.

Used by its 28,000 owners for identifying plants, growing plants, selecting plants and varieties, to help in selling, for answering questions, information on native plants, writing ads and catalogs, pronunciation, spelling, and all general information.

Evidence of the *Cyclopedia's* value: a large list of owners, selected at random and asked what they had found their set worth to them, set an average valuation of \$260—more than ten times its cost!

Plants: What They Are and What They Do

By A. C. Seward

\$1.50

31 illus.; 141 pages; 5 $\frac{1}{8}$ x 8 $\frac{1}{2}$ inches

This book presents a few aspects of plant life, in language as free as possible from technical terms, to readers who have little or no knowledge of botany or other branches of natural science. Dr. Seward shows some of the more striking attributes of the humbler organisms in order that we may be in a better position to appreciate what the world owes to plants.

Plant Names

By T. S. Lindsay

\$1.00

99 pages; 4 $\frac{3}{4}$ x 7 $\frac{1}{4}$ inches

This little book explains why, with the tens of thousands of plant species, it is necessary to have a system of plant names in order that each species shall have a name by which it can be identified, and in order that botanists and horticulturists of all lands and languages may know it by the same name.

An entirely new joy and significance await those who—with this helpful little volume—set out to learn how plants are named, why they received their particular titles, and just what each word form, prefix or suffix means.

Insect Pests and Diseases Spraying, Dusting, and Fumigating of Plants

By A. F. Mason

\$3.00

237 illus.; 570 pages; 5 $\frac{1}{4}$ x 8 inches

An invaluable handbook and reference for fruit growers, vegetable gardeners, nurserymen, and home gardeners. Tells what pests to expect and how to identify and control them, how to choose the right spray materials, how to select spraying and dusting machinery, and every other detail for the successful pest control of fruits, vegetables, and dooryard garden plants.

Insects and Diseases of Ornamental Trees and Shrubs

By E. P. Felt and W. H. Rankin **\$5.00**

243 illus.; 507 pages; $5\frac{3}{4} \times 9\frac{1}{4}$ inches

This is a complete and up-to-date handbook. The first part deals with the injuries caused by insects, diseases, and other causes such as weather, abrasions, gas, smoke, etc. It tells how to prevent pests and control their depredations. It includes complete instructions for spraying and other control measures, including tree surgery. The second half is arranged alphabetically by the name of the tree or shrub, giving for each the principal insects and diseases which attack it, with illustrations of their work, and how to control them.

The two authors are the outstanding authorities in their respective fields.

Weeds

A Manual of Weeds

By Ada E. Georgia **\$3.00**

386 illus.; 593 pages; $5\frac{1}{8} \times 8\frac{1}{2}$ inches

This book identifies many plants that puzzle the grower and tells whether they have value, and if undesirable, the best way to get rid of them. Technical language is not used. Every species of weed known to occur in the United States or Canada is described and its habitat stated. Nearly 400 original drawings made directly from the plants increase the book's usefulness.

Fertilizers

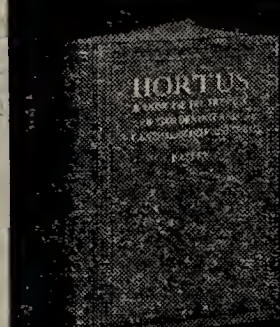
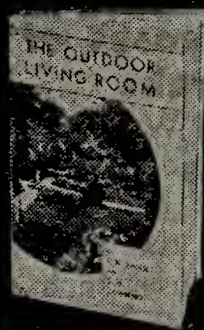
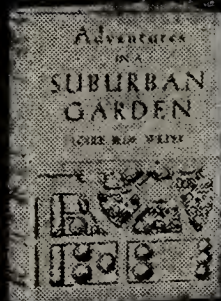
Fertilizers

By E. B. Voorhees **\$2.50**

Revised by S. B. Haskell

29 illus.; 310 pages; $5 \times 7\frac{1}{2}$ inches

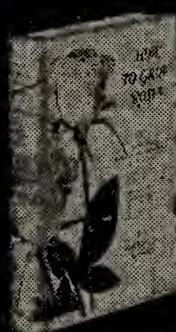
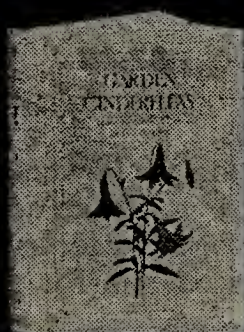
Presents usable plans for the fertilizing of flowers, lawns, garden and field crops. Tells how to judge an analysis guarantee, how to reduce to workable terms, and how to plan and calculate the ingredients for a specific mixture.



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Kelway's Queen. EM. Name not correct. Good dark pink.

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Mme. Emile Galle. L. Exquisite opalescent white.

Mme. Forel. L. Enormous flowers, lavender-pink.

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Marie Jacquin. M. Lilac-white. Exquisite. Semi-double. 50c.

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 Myrtle. M. Pearly light rose-pink.
 Octavie Demay. E. Beautiful pale pink.
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The Garden Notebook by Alfred Putz. Illustrated handbook of home gardening for each week of the year. Includes houseplants and every operation of the small home garden—soils, insects, fertilizers, bulbs, seedlings, cuttings, pruning, lawns, borders and rock gardens. Working drawings show just what to do and how. Cloth, 212 pages. \$1.60 postpaid.

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